



DIRECTV®



DIRECTV® Universal Remote Control User's Guide

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INTRODUCTION

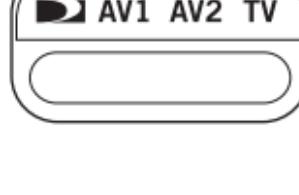
Congratulations! You now have an exclusive DIRECTV® Universal Remote Control that will control four components, including a DIRECTV Receiver, TV, and two stereo or video components (e.g 2nd TV, DVD, or stereo). Moreover, its sophisticated technology allows you to consolidate the clutter of your original remote controls into one easy-to-use unit that's packed with features such as:

- Four-position slide switch for easy component selection
- Code library for popular video and stereo components
- Code search to help program control of older or discontinued components
- Memory protection to ensure you will not have to re-program the remote when the batteries are replaced

Before using your DIRECTV Universal Remote Control, you may need to program it to operate with your particular component. Please follow the instructions detailed in this guide to set up your DIRECTV Universal Remote Control so you can start enjoying its features.

FEATURES AND FUNCTIONS

Key Charts



Slide the 4-position switch under **AV1**, **AV2** or **TV** to select the component you want to control. A green LED under the switch position will confirm the component being controlled.



Press **TV INPUT** to select the available inputs on your TV.

*(Note: Additional programming is required to activate the **TV INPUT** key. See instructions on page 11).*



Press **FORMAT** to cycle through the resolution and screen formats.

Each press of the key cycles to the next available format and /or resolution.

(Not available on all DIRECTV Receivers)



Press **PWR** to turn on or off the selected component.



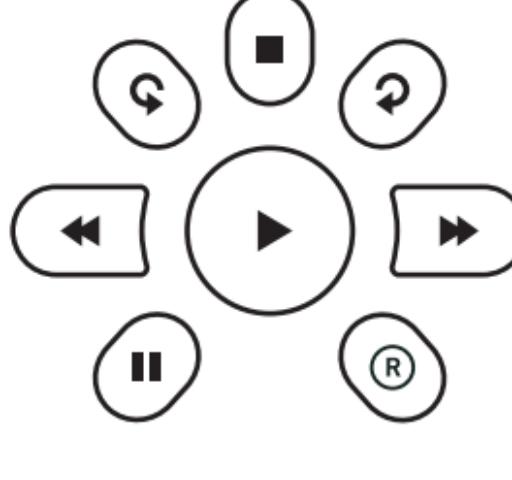
Press **TV POWER ON/OFF** to turn the TV and DIRECTV Receiver on or off.

(Note: These keys are only active after the TV has been programmed, see page 11).

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FEATURES AND FUNCTIONS

Key Charts (continued)



Use these keys to control your DVR, VCR, DVD, or CD/DVD player. To record a program, press the record key twice.



Use **GUIDE** to display the DIRECTV program guide.



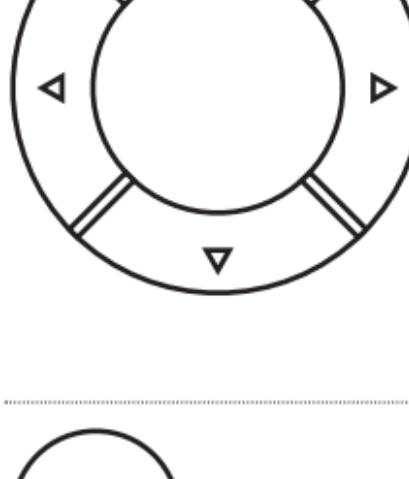
Press **ACTIVE** to access special features, services, DIRECTV NEWS™ and info.



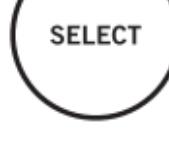
Press **LIST** to display your TO DO list of programs.
(Not available on all DIRECTV Receivers)



Press **EXIT** to exit menu screens and the program guide.



Use the arrow keys to move around in the program guide and menu screens.



Press **SELECT** to choose highlighted items in the menu screens or in the program guide.

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FEATURES AND FUNCTIONS

Key Charts (Continued)



Press **BACK** to return to the previously displayed screen.



Press **MENU** to display the menu.



Use **INFO** to display the

current channel and program information when watching live TV or in the guide.



Press the **YELLOW** key to cycle through the available alternate audio tracks. These colored keys may give you more functionality. Refer to your DIRECTV Receiver's user guide.

(Not available on all DIRECTV Receivers)



Use **VOL** to raise (or lower) the sound volume. The Volume keys are only active when programmed.



While watching TV, use **CHAN** ▲ (or ▼) to select the next higher (or lower) channel.

While in the DIRECTV program guide or menu, use **PAGE** ▲ (or ▼) to page up (or down) through available channels in the program guide.

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FEATURES AND FUNCTIONS

Key Charts (Continued)



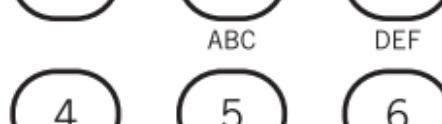
MUTE

Press **MUTE** to turn the sound off or back on.

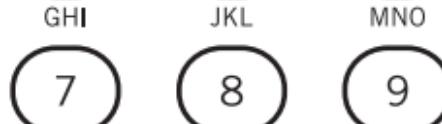


PREV

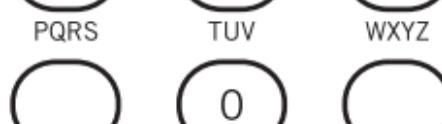
Press **PREV** to return to the last channel viewed.



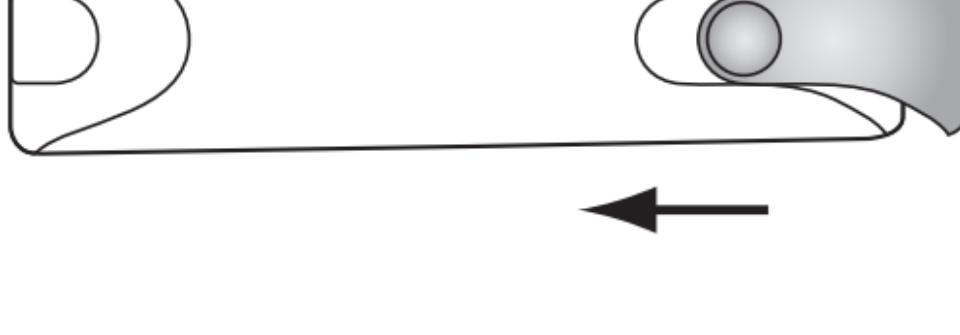
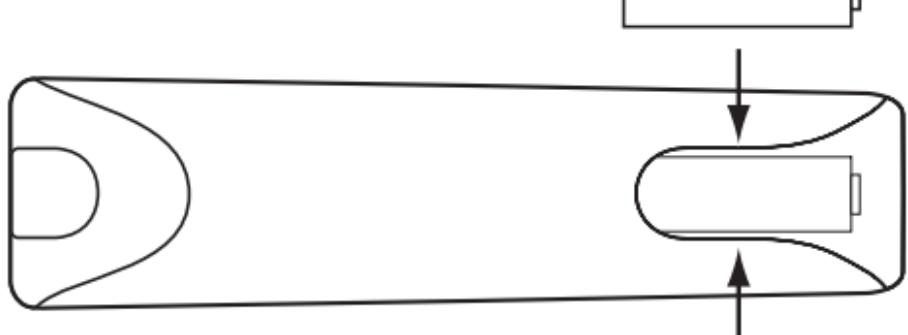
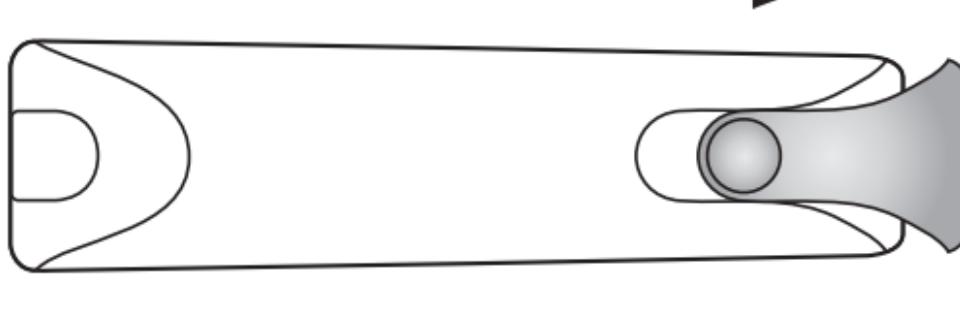
Press the number keys to directly select a channel (e.g. 207).



Press **DASH** to separate the main and sub-channel numbers.



INSTALLING BATTERIES



1. On the back of the remote control, push down on the door (as shown), slide the battery cover off, and remove the used batteries.
2. Obtain two (2) new AA alkaline batteries. Match their + and - marks to the + and - marks in the battery case, then insert them.
3. Slide the cover back on until battery door clicks into place.

CONTROLLING DIRECTV RECEIVER

The DIRECTV Universal Remote Control is designed to give you access to features and functions found on your original remote control. To use it with your brand of DIRECTV Receiver, you will need to program the remote control by performing the following steps.

Programming DIRECTV Remote

1. Locate the DIRECTV Receiver's brand and model number (on the back or bottom panel) and write it in the spaces below.
2. Locate the 5-digit code for your DIRECTV Receiver (see page 10).
3. Power on the DIRECTV Receiver.
4. Move the slide switch to **DIRECTV** icon.
5. Press and hold in the **MUTE** and **SELECT** keys until the green light under the **DIRECTV** icon flashes twice and then release both keys.
6. Using the number keys enter the 5-digit code. If performed correctly the green light under the **DIRECTV** icon will flash twice.
7. Aim the remote at your DIRECTV Receiver and press that the power key once. The DIRECTV Receiver should turn off. If it does not turn off, repeat steps 3 and 4, trying each code for your brand until you find the correct code.
8. For future reference write down the working code for your DIRECTV Receiver in the blocks below:

DIRECTV CODE:

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

BRAND: _____

MODEL: _____

ABOUT DIRECTV CONTROL

Setup Codes for DIRECTV Receivers

DIRECTV Model D-10	00001, 00002
Hughes Network Systems (most models)	00749
Hughes Network Systems models GAEB0, GAEB0A, GCEB0, GCEB0A, HBH-SA, and HAH-SA	01749
GE models GRD33G2A and GRD33G3A, GRD122GW	00566
Hitachi model HDS210R	00819
Mitsubishi HD models SRHD400 and SRHD500	00749
Panasonic models TZ-DBS01 and TZ-DRD100	00247
Panasonic models TUIRD10 and TUIRD20	00701
Philips models DSX5150R, DSX525R/I, DSX5350R, DSX5353R, DSX5353X, and DSX5375R	01076
Philips models DSX5500 and DSX5400	00099
Proscan models PRD8630A and PRD8650B	00566
RCA models DRD102RW, DRD203RW, DRD301RA, DRD302RA, DRD303RA, DRD403RA, DRD703RA, DRD502RB, DRD 503RB, DRD505RB, DRD515RB, DRD523RB, and DRD705RB	00566
RCA models DRD202RD, DRD221RD, DRD222RD, DRD223RD, DRD225RD, DRD420RE, DRD440RE, DRD460RE, DRD480RE, DRD430RG, DRD431RG, DRD450RG, DRD451RG, DRD485RG, DRD486RG, DRD430RGA, DRD450RGA, DRD485RGA, DRD435RH, DRD455RH, and DRD486RH	00392
Samsung model SIR-S60W	01109
Samsung models SIR-S70, SIR-S75, SIR-S300W, and SIR-S310W	01108
Sony models (All models except TiVo and Ultimate TV)	01639
Toshiba model TSR101DSS	00790
Uniden model UDS100	00724

Setup Codes for DIRECTV HD Receivers

DIRECTV Model H-10	00001, 00002
Hitachi model 61HDX98B	00819
HNS models HIRD-E8, HTL-HD	01750
LG model LSS-3200A, HTL-HD	01750
Mitsubishi model SR-HD5	01749, 00749
Philips model DSHD800R	01749
Proscan model PSHD105	00392
RCA models DTC-100, DTC-210	00392
Samsung model SIR-TS160	01276
Samsung models SIR-TS360	01609
Sony models SAT-HD100, 200,300	01639
Toshiba models DST-3000, DST-3100, DW65X91	01749, 01285
Zenith models DTV1080, HD-SAT520	01856

Setup Codes for DIRECTV DVRs

HNS models SD-DVR80, SD-DV40, SD-DVR120, HDVR2, GXCEBOT, GXCEBOTD	01442
Philips models DSR704, DSR708, DSR6000, DSR600R, DRS700/17	01142, 01442
RCA models DWD490RE, DWD496RG	01392
RCA models DVR39, 40, 80, 120	01442
Sony model SAT-T60	00639
Sony model SAT-W60	01640
Samsung models SIR-S4040R, SIR-S4080R, SIR-S4120R	01442

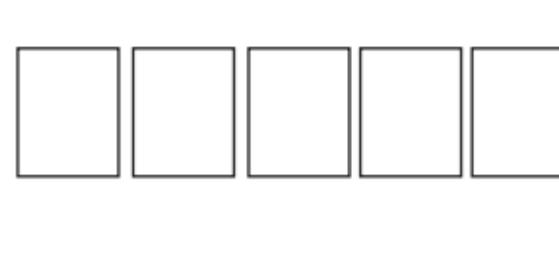
PROGRAMMING TO CONTROL YOUR TV

Now that you have successfully programmed the new DIRECTV remote to operate your DIRECTV Receiver, you will want to program this remote to control your TV.

1. Turn the TV on.

*NOTE: Please read steps 2-5 completely before proceeding.
Highlight or write down the codes and component you wish to program before moving on to step 2.*

2. Locate the 5-digit code for your TV (see pages 13-16).
3. Move the slide switch to **TV**.
4. Press and hold in the **MUTE** and **SELECT** keys at the same time until the green light under the **TV** icon flashes twice and then release both keys.
5. Using the number keys enter the 5-digit code for your brand of TV. If performed correctly the green light under **TV** will flash twice.
6. Aim the remote at your TV and press the power key once. The DIRECTV Receiver should turn off. If it does not turn off, repeat steps 3 and 4, trying each code for your brand until you find the correct code.
7. For future reference write down the working code for your TV in the blocks below:



PROGRAMMING THE TV INPUT KEY

Once you have programmed the DIRECTV remote control for your TV, you may want to activate the TV Input button.

1. Move the slide switch to the position under **TV** icon.
2. Press and hold the **MUTE** and **SELECT** keys until the green light under the **TV** icon flashes twice and then release both keys.
3. Using the number keys enter in **9-6-0** (The green light under the **TV** icon will flash twice)

You now have the ability to control the Input select feature for your TV.

DEACTIVATE THE TV INPUT SELECT KEY

If you want to hide the **TV INPUT** button, follow steps 1 through 3 from the previous section. Afterwards, the green light will blink 4 times. Pressing the **TV INPUT** key will now do nothing.

PROGRAMMING OTHER COMPONENT CONTROLS

The **AV1** and **AV2** switch position can be used to program a VCR, DVD, STEREO, 2nd DIRECTV Receiver or 2nd TV with the following instructions.

1. Turn on the component (e.g. DVD Player) you wish to program.
2. Locate the 5-digit code for your component (see pages 13-22).
3. Move the slide switch under the **AV1** (or **AV2**) icon.
4. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under **AV1** (or **AV2**) flashes twice and then release both keys.
5. Using the number keys enter the 5-digit code for your brand of component being programmed. If performed correctly the green light under TV will flash twice.
6. Aim the remote at your component and press the power key once. The component should turn off. If it does not turn off, repeat steps 3 and 4 trying each code for your brand until you find the correct code.
7. Repeat steps 1 through 6 to program a new component under **AV2** (or **AV1**).
8. For future reference write down the working code for the component(s) programmed under **AV1** and **AV2** in the blocks below:

A horizontal row of five empty rectangular boxes, each with a thin black border, intended for children to draw or write in.

AV2:

AV2:

MANUFACTURER CODES

Setup Codes for TVs

Admiral	10093, 10463
Advent	10761, 10817, 10815, 10783, 10842
Aiko	10092
Akai	10812, 10702, 10030, 10672
Alaron	10179
Albatron	10843, 10700
Ambassador	10177
America Action	10180
Ampro	10751
Anam	10180
AOC	10030, 10019
Apex Digital	10748, 10765, 10767
Audiovox	10451, 10180, 10092, 10623
Belcor	10019
Bell & Howell	10154, 10016
Bradford	10180
Brockwood	10019
Broksonic	10236, 10463
Candle	10030, 10056
Carnivale	10030
Carver	10054
Celebrity	10000
Celera	10765
Changhong	10765
Citizen	10060, 10030, 10056, 10092
Clarion	10180
Concerto	10056
Contec	10180
Craig	10180
Crosley	10054
Crown	10180
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166, 10056, 11147, 10016, 10466, 11347
CXC	10180
Daewoo	10451, 11661, 10092, 10672, 10019, 10623
Daytron	10019
Denon	10145
Dumont	10017, 10019
Durabrand	10463, 10180, 10178, 10171
Dwin	10774, 10720
Electroband	10000
Elektra	10017, 11661
Emerson	10154, 10236, 10463, 10180, 10178, 10171, 10019, 10177, 10623, 10179
Envision	10030
Fisher	10154
Fujitsu	10809, 10683, 10179, 10853
Funai	10180, 10171, 10179
Futuretech	10180
Gateway	11755, 11756
GE	11447, 10047, 10051, 10451, 10178, 10021, 11347, 11147
Gibralter	10017, 10030, 10019
GoldStar	10030, 10178, 10019
Grunpy	10180, 10179

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MANUFACTURER CODES

Setup Codes for TVs (continued)

Hallmark	10178
Harley Davidson	10179
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Hello Kitty	10451
Himitsu	10180
Hisense	10748
Hitachi	11145, 10145, 10016, 10151, 10056
Hyundai	10849
Infinity	10054
Inteq	10017
JBL	10054
JCB	10000
Jensen	10761, 10817, 10815
JVC	10053
KEC	10180
Kenwood	10030, 10019
KLH	10765, 10767
KTV	10180, 10030
LG	10856
Logik	10016
Luxman	10056
LXI	10047, 10054, 10154, 10156, 10178
Magnavox	11454, 10054, 10030, 10706, 10179, 11254
Majestic	10016
Marantz	10054, 10030, 10704
Matsushita	10250, 10650
Megapower	10700
Megatron	10178, 10145
Memorex	10154, 10463, 10150, 10178, 10179, 10016
MGA	10150, 10030, 10178, 10019
Midland	10047, 10017, 10051
Minutz	10021
Mitsubishi	10093, 11250, 10150, 10178, 10836, 10019
Monivision	10700, 10843
Motorola	10093
MTC	10060, 10030, 10019, 10056
Multitech	10180
NAD	10156, 10178, 10866
NEC	10030, 11704, 10019, 10497, 10056
Nikko	10030, 10178, 10092
Norcent	10748, 10824
NTC	10092
Onwa	10180
Optimus	10154, 10250, 10166, 10650
Optonica	10093
Orion	10236, 10463, 10179
Panasonic	10250, 10051, 10650
Penney	10047, 10156, 10051, 10060, 10030, 10178, 10021, 10019, 11347
Philco	10054, 10030, 10019
Philips	11454, 10054, 10690
Pilot	10030, 10019
Pioneer	10166, 10866, 10679
Portland	10019, 10092

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MANUFACTURER CODES

Setup Codes for TVs (continued)

Prima	10761, 10783, 10817, 10815
Princeton	10700, 10717
Prism	10051
Proscan	11447, 10047, 11347
Proton	10178, 10466
Pulsar	10017, 10019
Quasar	10250, 10051, 10650
RadioShack	10047, 10154, 10180, 10030, 10178, 10019, 10056
RCA	11447, 10047, 10019, 10679, 11247, 11547, 10090, 11147, 11047, 11347
Realistic	10154, 10180, 10030, 10178, 10056, 10019
Runco	10017, 10030, 10603, 10497
Sampo	10030, 11755
Samsung	10060, 10812, 10702, 10030, 10178, 10019, 10766, 11060, 10056, 10814
Sansui	10463
Sanyo	10154
Scimitsu	10019
Scotch	10178
Scott	10236, 10180, 10178, 10179, 10019
Sears	10047, 10054, 10154, 10156, 10178, 10171, 10179, 10056
Sharp	10093, 10689, 10688, 10851, 10818
Sheng Chia	10093
Shogun	10019
Signature	10016
Sony	11100, 10000, 10834
Soundesign	10180, 10178, 10179
Squareview	10171
SSS	10180, 10019
Starlite	10180
Studio Experience	10843
Supreme	10000
SVA	10748
Sylvania	10054, 10030, 10171
Symphonic	10180, 10171
Tandy	10093
Tatung	11756
Technics	10250, 10051
Technol Ace	10179
Techwood	10051, 10056
Teknika	10054, 10180, 10150, 10060, 10019, 10179, 10016, 10056, 10092
Telefunken	10702, 10056
TMK	10178, 10177, 10056
TNCi	10017
Toshiba	10154, 11256, 10156, 10060, 11704, 10845, 11656, 10650, 11356
TVS	10463
V Inc.	11756
Vector Research	10030
Victor	10053
Vidikron	10054
Vidtech	10178, 10019
Viewsonic	11755

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MANUFACTURER CODES

Setup Codes for TVs (continued)

Wards	10054, 10030, 10178, 10019, 10179, 10016, 10021, 10056, 10866
Waycon	10156
White Westinghouse	10463, 10623
Yamaha	10030, 10019
Zenith	10017, 10463, 10178, 10016, 10092

Setup Codes for VCRs:

ABS	21972
Admiral	20048, 20209
Adventura	20000
Aiko	20278
Aiwa	20037, 20000
Akai	20041
Alienware	21972
America Action	20278
American High	20035
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20184, 20121, 20209, 20002, 21479, 20479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Citizen	20037, 20278, 21278
Colt	20072
Craig	20037, 20047, 20240, 20072
Curtis Mathes	20060, 20035, 20162, 20041, 21035
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20278, 21278
Dell	21972
Denon	20042
Durabrand	20039, 20038
Dynatech	20000
Electrohome	20037
Electrophonic	20037
Emerex	20032
Emerson	20037, 20184, 20000, 20121, 20043, 20209, 20002, 20278, 21278, 20479, 21479
Fisher	20047, 20104
Fuji	20035, 20033
Funai	20000
Garrard	20000
Gateway	21972
GE	20060, 20035, 20240, 21035, 20807, 21060
Go Video	20432
GoldStar	20037, 20038, 21237
Gradiente	20000
Harley Davidson	20000
Harman/Kardon	20081, 20038
Harwood	20072

continued on the next page...

MANUFACTURER CODES

Setup Codes for VCRs (continued)

Hewlett Packard	21972
HI-Q	20047
Hitachi	20000, 20042, 20041
Howard Computers	21972
HP	21972
Hughes Network Systems	20042
iBUYPOWER	21972
Jensen	20041
JVC	20067, 20041
KEC	20037, 20278
Kenwood	20067, 20041, 20038
KLH	20072
Kodak	20035, 20037
Lloyd's	20000
Logik	20072
LXI	20037
Magnasonic	1278
Magnavox	20035, 20039, 20081, 20000, 20149, 21781
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20000, 20104, 20209, 21237, 20479
MGA	20240, 20043
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20067, 20043, 20807
Motorola	20035, 20048
MTC	20240, 20000
Multitech	20000, 20072
NEC	20104, 20067, 20041, 20038
Nikko	20037
Noblex	20240
Northgate	21972
Olympus	20035
Optimus	21062, 20162, 20037, 20048, 20104, 20432
Orion	20184, 20209, 20002, 20479, 21479
Panasonic	21062, 20035, 20162, 21035, 20616, 20225
Penney	20035, 20037, 20240, 20042, 20038, 21035, 21237
Pentax	20042
Philco	20035, 20479
Philips	20035, 20081, 20618
Pilot	20037
Pioneer	20067
Polk Audio	20081
Profitronic	20240
Proscan	20060, 21060
Protec	20072
Pulsar	20039

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MANUFACTURER CODES

Setup Codes for VCRs (continued)

Quasar	20035, 20162, 21035
RadioShack	20000
Radix	20037
Randex	20037
RCA	20060, 20240, 20042, 20149, 21035, 20880, 20807, 21060
Realistic	20035, 20037, 20048, 20047, 20000, 20104
ReplayTV	20616, 20614
Runco	20039
Samsung	20240, 20045, 21014
Sanky	20048, 20039
Sansui	20000, 20067, 20209, 20041, 20479, 21479
Sanyo	20047, 20240, 20104
Scott	20184, 20045, 20121, 20043
Sears	20035, 20037, 20047, 20000, 20042, 20104, 21237
Sharp	20048, 20807
Shogun	20240
Singer	20072
Sonic Blue	20616, 20614
Sony	20035, 20032, 20033, 20000, 21232, 20636, 21972
STS	20042
Sylvania	20035, 20081, 20000, 20043, 21781
Symphonic	20000
Systemax	21972
Tagar Systems	21972
Tatung	20041
Teac	20000, 20041
Technics	20035, 20162
Teknika	20035, 20037, 20000
Thomas	20000
Tivo	20618, 20636
TMK	20240
Toshiba	20045, 20043, 21145, 20845, 21972
Totlevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038
Video Concepts	20045
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Villain	20000
Wards	20060, 20035, 20048, 20047, 20081, 20240, 20000, 20042, 20072, 20149
White Westinghouse	20209, 20072
XR-1000	20035, 20000, 20072
Yamaha	20038
Zenith	20039, 20033, 20000, 20209, 21479, 20479
ZT Group	21972

MANUFACTURER CODES

Setup Codes for DVD Players

Advent	21016
Akai	20899
Allegro	20869
Apex Digital	20672, 20717, 20794, 20830, 21061, 20755, 20797, 21056, 20796, 21020, 21100
Audiovox	21072, 21071
Axion	21072, 21071
Blaupunkt	20717
Blue Parade	20571
Broksonic	20868, 20695
CineVision	20876, 20869
Coby	21086
Curtis Mathes	21087
CyberHome	21024, 21023, 20816
Daewoo	20784, 20869, 20833
Denon	20490
Dual	21085, 21068
DVD2000	20521
Emerson	20591, 20821, 20675
Enterprise	20591
Fisher	20670
Funai	20675
GE	20522, 20815, 20717
Go Video	20744, 20783, 21075, 20869, 20715, 20833
GPX	20699
Greenhill	20717
Hitachi	20573, 20664
Hiteker	20672
Initial	20717
Jensen	21016
JVC	20558, 20623, 20867
Kenwood	20490, 20534
KLH	20717, 21020
Koss	20651
Lasonic	20798
Magnavox	20503, 20821, 20675
Marantz	20539
Memorex	20695
Microsoft	20522
Mintek	20839, 20717
Mitsubishi	21521, 20521
Nesa	20717
Norcent	21003
Onkyo	20503
Oritron	20651
Panasonic	20490, 21762, 20632, 21490, 21462, 21362
Philips	20503, 20539, 20646, 20885, 20854
Pioneer	20525, 20571, 20632
Polaroid	21061, 21086
Polk Audio	20539
Prima	21016
Proscan	20522
Qwestar	20651
RCA	20522, 20571, 20717, 21022, 20822
Rio	20869

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MANUFACTURER CODES

Setup Codes for DVD Players (continued)

Rotel	20623
Rowa	20823
Samsung	20490, 20573, 20820, 21075, 20899
Sansui	20695
Sanyo	20873, 20695, 20670
Sharp	20630
Shinsonic	20533, 20839
Sonic Blue	20869
Sony	20533, 20864, 21033, 22043, 22020
Superscan	20821
Sylvania	20821, 20675
Symphonic	20675
Technics	20490
Theta Digital	20571
Toshiba	20503, 20695, 21045
Tredex	20799
Urban Concepts	20503
US Logic	20839
Xbox	20522
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 20869

Setup Codes for Stereo Receivers:

ADC	30531
Aiwa	31405, 30158, 30189, 31388, 30121, 30405, 31641
Akai	31512
Alco	31390
Amphion Media Works	31615, 31563
AMW	31615, 31563
Anam	31609, 31074
Apex Digital	31430, 31257
Arcam	31120
Audiotronic	31189
Audiovox	31390
Bose	31229, 30639
Brix	31602
Cambridge Soundworks	31370
Capetronic	30531
Carver	31189, 30189, 30042
Casio	30195
Clarinette	30195
Classic	31352
Coby	31389
Criterion	31420
Curtis Mathes	30080
Daewoo	31250
Dell	31383
Denon	31360, 30004
Fisher	31801, 30042
Garrard	30463
Gateway	31517
Go Video	31532

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MANUFACTURER CODES

Setup Codes for Stereo Receivers (continued)

Harman/Kardon	30110, 30189, 30891
Hewlett Packard	31181
Hitachi	31801
Initial	31426
Integra	31298, 30135
JBL	30110, 31306
JVC	30074, 31495, 31374
Kenwood	31313, 31570, 31569, 30027, 30186, 30042, 30239
KLH	31412, 31390, 31428
Koss	31366
Lasonic	31798
Lenoxx	31437
Linn	30189
Liquid Video	31497
Lloyd's	30195
LXI	30181
Magnavox	31189, 31269, 30189, 30195, 30531, 31514, 30391
Marantz	31189, 31269, 30039, 30189, 31289
MCS	30039
Mitsubishi	31393
Modulaire	30195
Nakamichi	30097
Norcent	31389
Onkyo	30135, 31531, 31298, 30842
Optimus	31023, 30738, 31074, 30181, 30670, 30080, 30531, 30801, 30042, 30186
Oritron	31497, 31366
Panasonic	31518, 30039, 31288, 31763, 30367, 30309, 31316, 31764
Penney	30195
Philco	31390
Philips	31189, 31269, 30189, 31120, 30391, 31266
Pioneer	31023, 30014, 30244, 30150, 30630, 30080, 30531, 31384
Polaroid	31508
Polk Audio	30189, 31289
Proscan	31254
Quasar	30039
RCA	31023, 31609, 31254, 30080, 31074, 31511, 31390, 30531
Realistic	30195, 30181
Regent	31437
Rio	31869, 31383
Saba	31519
Samsung	31500, 31295
Sansui	30189
Sanyo	31469, 31251, 30801
Sharp	31286, 30186
Sharper Image	31556
Sherwood	31653, 30502, 30491
Shinsonic	31426
Sonic Blue	31869, 31532, 31383
Sony	31058, 31441, 31258, 31759, 30158, 31658, 31858, 30474, 31349, 31558, 31442, 31758

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MANUFACTURER CODES

Setup Codes for Stereo Receivers (continued)

Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	30463, 31528, 31390, 31074
Technics	31308, 31518, 30039, 30309
Thorens	31189
Venturer	31390
Victor	30074
Wards	30158, 30189, 30080, 30014
Yamaha	30176, 30186, 31375, 31331, 31176
Yorx	30195
Zenith	31293, 30857, 31869

Setup Codes for Stereo Amplifiers

Aiwa	30406
Bose	30674
Carver	30269
Curtis Mathes	30300
Denon	30160
Durabrand	31561
GE	30078
Harman/Kardon	30892
JVC	30331
Left Coast	30892
Lenoxx	31561
Linn	30269
Luxman	30165
Magnavox	30269
Marantz	30892, 30321, 30269
Nakamichi	30321
NEC	30264
Optimus	30395, 30300
Panasonic	30308, 30521
Parasound	30246
Philips	30892, 30269
Pioneer	30300, 30013
Polk Audio	30892, 30269
RCA	30300
Realistic	30395
Sansui	30321
Shure	30264
Sony	30689, 30815, 30220
Soundesign	30078, 30211
Technics	30521, 30308
Victor	30331
Wards	30078, 30013, 30211
Yamaha	30354, 30143, 30133

SEARCHING FOR YOUR CODE IN AV1 OR AV2 MODE

If you were unable to find the code for your brand of TV or component, then you can try a code search. This process may take up to 30 minutes.

1. Turn on the TV or component.
2. Move the slide switch to the **AV1**, **AV2** or **TV** position.
3. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch position flashes twice and then release both keys.
4. Enter in **9-9-1** followed by one of the following 4-digits:

COMPONENT TYPE	COMPONENT ID #
----------------	----------------

Satellite	0
-----------	---

TV	1
----	---

VCR/DVD/PVR	2
-------------	---

STEREO	3
--------	---

6. Point the remote at the TV or component and press **CHAN ▲**. Repeatedly press the **CHAN ▲** until the TV or component turns off.

*Note: Every time **CHAN ▲** is pressed the remote advances to the next code and power is transmitted to the component*

7. When the TV or component turns off, stop pressing the **CHAN ▲** key. Then, press and release the **SELECT** key.

NOTE: If the light flashes 3 times before the TV or component responds, then you've cycled through all codes and unfortunately the code you need is not available. You must use the remote that came with your TV or component.

VERIFYING THE CODES

If you have setup the DIRECTV Universal Remote Control using the SEARCHING FOR YOUR CODE PROCEDURE, you can find out the 5-digit code your component responded to with the following instructions:

1. Move the slide switch to appropriate position.
2. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light under the selected switch flashes twice and then release both keys.
3. Enter in **9-9-0** (The green light under the selected switch position will flash twice)
4. To view the first digit in the code, Press and release the number 1 key. Wait three seconds, and count the number of times the green light flashes. Write this number down in the leftmost TV, AV1 or AV2 code box found on pages 11 or 12.

Note: If this part of the code is "0" the light will not flash

5. Repeat step 4 four more times for the remaining digits. Press number 2 for the second digit, 3 for the third digit, 4 for the fourth digit and 5 for the final digit.

CHANGING VOLUME LOCK

Depending on how you set up your remote, the **VOL** and **MUTE** may control the volume only on your TV or other components, regardless of which position the switch is under. This remote can be programmed so that the **VOL** and **MUTE** keys work ONLY with the component selected above the slide switch. To select this feature, perform the following steps:

1. Press and hold the **MUTE** and **SELECT** keys until the green light under the **DIRECTV** icon flashes twice and release both keys.
2. Using the number keys, enter in **9-9-3** (the green light will flash twice after the 3).
3. Press and release the **VOL ▲** key (the green light will flash 4 times).

Now the **VOL** and **MUTE** keys will work ONLY for the component selected by the slide switch position.

To Lock Volume to AV1, AV2 or TV

1. Move the slide switch to the **AV1**, **AV2** or **TV** position to lock the volume.
2. Press and hold the **MUTE** and **SELECT** keys until the green light under the selected switch flashes twice and release both keys.

3. Using the number keys, enter **9-9-3** (the green light will flash twice).

4. Press and release the **SELECT** key (the green light will flash twice).

RESTORE FACTORY DEFAULT SETTINGS

To reset all the functions of the remote control to the factory defaults (the original, out of the box setting), follow these steps.

1. Press and hold the **MUTE** and **SELECT** keys at the same time until the green light flashes twice and then release both keys
2. Using the number keys, enter in **9-8-1** (the green light will flash 4 times).

TROUBLESHOOTING

PROBLEM: Light at top of remote does not blink when you press a key.

SOLUTION: Try replacing the batteries (see page 8).

PROBLEM: Light at the top of the remote blinks when you press a key, but the home entertainment component does not respond.

SOLUTION: Make sure you are aiming the DIRECTV® Universal Remote Control at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The DIRECTV Universal Remote Control does not control home entertainment component or commands are not recognized properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all home entertainment components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation (see page 12).

PROBLEM: **CHAN ▲**, **CHAN ▼**, and **PREV** do not work for your RCA TV.

SOLUTION: Due to RCA design (1983-1987), only the original remote control will operate these functions.

PROBLEM: Changing channels does not work properly.

SOLUTION: If original remote control required pressing ENTER to change channels, press ENTER on the DIRECTV Universal remote control after entering a channel number.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require programming TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.

REPAIR OR REPLACEMENT POLICY

If the DIRECTV Universal Remote Control does not function properly, DIRECTV will, at our sole discretion, repair or replace the DIRECTV Universal Remote Control, provided that:

- a. You are a customer of DIRECTV and your account is in good standing; and
- b. The problem with the DIRECTV Universal Remote Control was not caused by abuse, mishandling, alteration, accident, failure to follow operating, maintenance or environmental instructions set forth in this User Guide, or service performed by someone other than DIRECTV.

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Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, in such states, DIRECTV's liability is limited to the greatest extent permitted by law.

ADDITIONAL INFORMATION

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your DIRECTV Universal Remote Control.

For help via the Internet, visit us at:

DIRECTV.com

Or ask for technical support at:

1-800-531-5000

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M2081A for use with the URC2081, DIRECTV Universal Remote Control.

12/04

COMPLIANCE WITH FCC RULES AND REGULATIONS

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which

can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or

more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

FCC Authorization Label

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC ID #: MG32081